

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	<u>B.A. Bill for 1st Final</u> 1) Name of the work :- <u>Improvement in roads and drainage @ Ashraya layout (old) roads in Ward No. 11 Kere</u> 2) Estimate Cost of work :- <u>Rs. 7.00 Lakhs.</u> 3) Job No :- <u>011-18-000003, H/A :- P-1878.</u> 4) A.S. No :- <u>AS/EE/ETP/75/117-18 dt 14.12.2017</u> 5) T.S. No :- <u>TS/CE/VNH/59/2017-18 dt 02.02.2018</u> 6) Work ord :- <u>LBMP/EE/ETP/00/119/2017-18 dt 20.3.2018</u> 7) Name of Agency :- <u>EE, B&ID B, Core-10</u>						

erial No.
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Date Full desc

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By Date
Item No.
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Item No.

Dimensions			Contents	Reference to last Measurement
Length	Breadth	Depth		
4	5	6	7	8
New 2 nd Trial				
Improvement in roads and drainage roads in Ward No. 11 Kere				
27.00 lakhs.				
H/A = 7-1878.				
175/17-18 2/14.12.2017				
15/59/2017-18 2/09.02.2018				
137/00/119/2017-18 2/20 ³				
158/12 3, core-10 9/18				

No. B 427511

Serial No.

Name of Work From..... To.....

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty Date of Record: 25.11.2018 Item No. ①: - Earth work excavation by manual means in order to lay coil pipeline an average 1/2 m broad upto 2 mtrs & an ave. dept upto 0.5 m excavated surface levelled & sides neatly dressed. Earth to be berelled after breaking of clods etc complete as per specifications. Qty vide this M. B page No. 02 Item No. ① Qty = 180.00 Cum @ Rs = 199.36 / Cum Rs = 35885.00 Item No. ②: - Scarifying Kankar & gravel metal crust upto						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	150mm thick with pick axes and disposal of stuff inclusive cost of all the charges etc complete as per specification						
	Qty vide this M. A. page No. 503						
	Item No ② Qty = 108.05 cu						
	@ Rs = 26.50 / cu						
	Item No. ③:- Contd of granular back by providing closed graded crushed stone aggregates of granite materials no use in a mechanical mix plant @ 0.01 carriage of mixed materials to work site spreading in uniform layers with						

Serial No.
Name of Work
Name of Contractor of n
Date of commencement

Date
1

Full description
2

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Item No. (h)

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granite

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length	Breadth	Depth		
4	5	6	7	8

and disposal of stuff
charges etc complete as

this M.A. page No. 503

QTY = 188.05 cu

RS = 26.50 / cu RS = 192.92

formula back by providing
of stone aggregates of
size in a mechanical
of mixed materials to
in uniform layers with

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427512

erial No.
ame of Work From To
ame of Contractor of nature of Agency
ate of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	motor grader in prepared surface & compacting with power vibratory roller complete as per specifications.						
	QTY vide this M.A. p. No. 504						
	Item No. (3) QTY = 109.20 cu						
	@ RS = 1665.26 / cu						
	Item No. (4): - providing and laying in position P.C.C of mix 1:4:8						
	with OPC Cement @ 180 kg/cu with bottom of 6" graded						
	granite metal coarse aggregates @ 0.85 cu & fine						

RS = 1,81,846 = 00

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	aggrigated @ 0.5 Cum Machine mixed concrete laid in layers @ 150 mm thick well compacted in formation including cost of all materials Work Item of Machinery curing etc compl etc as per Specification.						
	Qty wide this m. R. P. 140-506						
	Item No. 40 Qty = 138.20 Cum						
	@ R.R. = 5159-02/Cum						
	Item No. 5 :- providing and laying cement concrete using 20 mm of coarse aggregate and fine aggregate of ready mixed concrete						

Serial No.
Name of Work
Name of Contractor of nature
Date of commencement of

Date 1 Full description, 2

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MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length	Breadth	Depth		
4	5	6	7	8
Machine mixed concrete not exceeding 15 cm thick including cost of all machinery curing etc complete.				
M. R. P. 140-506				
Qty = 138.20 Cum				
= 5159.02/cum				
and laying cement concrete with coarse aggregates and of ready mixed concrete				

M. A. R. 57 (Rule 116)

Measurement Book

No. B 427513

Serial No.
 Name of Work From To
 Name of Contractor or nature of Agency
 Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(BMC) M20 for RCC works laid in 15 cm thick layers & well compacted / vibrating curing for soft foundation & with all lead & lift etc complete as per specification for drain bottom concrete						
		1	30.40	0.90	0.15	4.05 Cum	
		1	30.40	0.90	0.15	4.05 "	
		1	30.40	0.90	0.15	4.05 "	
		1	26.00	0.90	0.15	3.74 "	
		1	44.00	0.90	0.15	3.34 "	

19.23

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 19.23. 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	For drain side wall C.F.C. 1/5 slo	1	29.10	0.90	0.15	3.91 Cum	
		1	7.10	0.90	0.15	0.95 "	
		2	30.10	0.15	0.60	5.40 "	
		2	30.10	0.15	0.60	5.40 "	
		2	30.10	0.15	0.60	5.40 "	
		2	26.10	0.15	0.60	4.68 "	
		2	24.10	0.15	0.60	4.32 "	
		2	29.10	0.15	0.60	5.22 "	
		2	7.10	0.90	0.60	1.68 "	
		2	6.10	0.15	0.60	1.08 "	

57.27.

Serial No.
Name of Work
Name of Contractor of nature of Agency
Date of commencement of work

Date
1

Full description, etc, of work
2

Handwritten notes and signatures on the right page, including a signature and the text "Assistant Executive Superintendent, Vidyasayapura Sub-Division, Bangalore".

MEASUREMENT BOOK

Number 3	Dimensions			Contents 7	Reference to last Measurement 8
	Length 4	Breadth 5	Depth 6		
1	29.00	0.90	0.15	3.91 Cum	
1	7.00	0.90	0.15	0.95 "	
2	30.00	0.15	0.60	5.40 "	
2	30.00	0.15	0.60	5.40 "	
2	30.00	0.15	0.60	5.40 "	
2	26.00	0.15	0.60	4.68 "	
2	24.00	0.15	0.60	4.32 "	
2	29.00	0.15	0.60	5.22 "	
2	7.00	0.90	0.60	1.62 "	
2	6.00	0.15	0.60	1.08 "	

19.23.

57.27.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427514

Material No.
Name of Work From To
Name of Contractor of nature of Agency
Date of commencement of work

te	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	total Qty = 57.27 Cum Restricted Qty = 56.70 Cum @ 6231.74/cum = 3,53,340.00 Item No. 6 - providing & removing centring & shuttering for floor prepping etc and removal of form work for vertical sur- faces such as walls @ any thickness incl attached pile tips & cast of all materials being complete as per specifications - item 9.						

Assistant Executive Engineer
Mysore Division
Bangalore - 97

MEASUREMENT BOOK

MEASUREMENT BOOK							
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Serial No.
 Name of Work
 Name of Contractor of nature of work
 Date of commencement of work

Date
 Full description, etc, ...
 1 2

Item No. 8:-
 Cost of all
 unloading
 Machine

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6		
Big M.B. P. No. 505 ⑥ Btg = 432.00 sqm 29 = 310.58/sqm gs = 134/171.00 M. & feet reinforcement - ing straightening cutting bar in position lapping and for all to be with bond wire and Extended (laps) 30% 30 & wastage of steel (10%) Cost of all mate machinery complete as per spec in charge of the work.				

No. B

427515

Serial No.

Name of Work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty Wide tier M. S. Page No. 507					
		~~Item No. ⑦ Qty = 3.40 90999~~					
		@ RD = 6494 3.42 / Ton Rs = 218496 = 00					
	Item No. ⑧:- providing precast slab of 100mm thick including cost of all materials Work curing transportation loading & unloading etc complete as per Engineer in charge of works.						
	Magnificircle :-	✓ 20.00 -	0.90 = 27.10	Lrw			
		✓ 20.00 -	0.90 = 27.10				

MEASUREMENT BOOK							
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	-	0.90	27.00 sqm	
		1	26.00	-	0.90	23.40	
		1	24.00	-	0.90	21.60	
		1	29.00	-	0.90	26.10	
		1	12.00	-	0.90	10.80	
						Qty = 169.80 sqm	
						Qty = 169.00 sqm	
						Qty = 1760/sqm	

Item No. 9: - Cement concrete pavement construction

Has a life!

Item No. 9: - Cement concrete pavement Construction

Dimensions			Contents	Reference to last Measurement
Length	Breadth	Depth		
4	5	6	7	8
30.00	—	0.90	27.00	490
86.00	—	0.90	23.40	0
41.00	—	0.90	21.60	0
19.00	—	0.90	26.10	0
2.10	—	0.90	10.80	0
			Qty = 169.80	sqm
			Qty = 169.00	sqm
			Qty = 1760	sqm
			Qty = 285.120	
etc proceed construction				

No. B 427516

Serial No.
 Name of Work From To
 Name of Contractor of nature of Agency
 Date of commencement of work

Date	Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	of un-reinforced p.c pavement thick ness as per design over a prepared sub base with op cement @ other type as per design with 20 mm off graded gra nite metal coarse aggregates & fine aggregates with slupe plaster concrete mix ture not less than approved design finishing to lines & grades as per drawing complete as per specifications. As per a/c Cross Road 1 - $\frac{3000(6.10 + 5.20)}{2} \times 0.125 = 11.19 \text{ Cu}$						

25/10

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30.00	(5.20 + 5.30) 2	0.12	18.90 Cu	
		1	14.00	(5.30 + 5.30) 2	0.12	8.90 Cu	
		1	30.00	(6.10 + 5.60) 2	0.12	21.06 "	
		1	30.00	(5.60 + 5.60) 2	0.12	20.16 "	
		1	14.50	(5.60 + 6.10) 2	0.12	10.97 "	
		Qty = 100.38 Cu					
		Qty = 91.00 Cu					
		Qty = 5508.68 / cu					
		Qty = 501.88 kg					
		Total kg = 24,39,024.00					

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Serial No.
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Full description
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Number	Dimensions			Contents	Reference to last Measurement
	Length	Breadth	Depth		
1	30.00	(5.20 + 5.30)	0.12	18.90 Cu	
1	14.00	(5.30 + 5.30)	0.12	8.90 "	
1	30.00	(6.10 + 5.60)	0.12	21.06 "	
1	30.00	(5.60 + 5.60)	0.12	20.16 "	
1	14.50	(5.60 + 6.10)	0.12	10.17 "	
Qty = 100.38 Cu					
Nett Qty = 91.00 Cu					
@ 49 = 5508.62 / cu					
Total 49 = 24,39,024					

M. A. R. 57 (Rule 116)
Measurement Book

No. B
427517

Material No.
Name of Work From To
Name of Contractor of nature of Agency
Date of commencement of work

Number	Dimensions			Contents	Reference to last Measurement
	Length	Breadth	Depth		
1	30.00	(5.20 + 5.30)	0.12	18.90 Cu	
1	14.00	(5.30 + 5.30)	0.12	8.90 "	
1	30.00	(6.10 + 5.60)	0.12	21.06 "	
1	30.00	(5.60 + 5.60)	0.12	20.16 "	
1	14.50	(5.60 + 6.10)	0.12	10.17 "	
Qty = 100.38 Cu					
Nett Qty = 91.00 Cu					
@ 49 = 5508.62 / cu					
Total 49 = 24,39,024					

CERTIFICATE :- I certify that the above work done is satisfactory.
I certify that the above work done is satisfactory.
I certify that the above work done is satisfactory.

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 56

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Madakuni Circle Towards Singapur Gardens A.E.					Assistant Executive Engineer Byataravanapura Sub-division KRIPI, BBMP, Bangalore Kannur Bhavanna R.C.C. - Drain C.C. Road Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97	

Serial No.
 Name of Work
 Name of Contractor of nature of Agency
 Date of commencement of work

Date 1
 Full description, etc, of work 2

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ನಗರ ಪಾಲಿಕೆ, ಬೆಂಗಳೂರು

ಪ್ರಾಂಶುಪಾಲಕರ ಕಛೇರಿ

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 one hundred and one

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05/5

MEASUREMENT BOOK

Number	Dimensions			Contents	Reference to last Measurement
	Length	Breadth	Depth		
3	4	5	6	7	8

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDI, BBMP, Bangalore

Kanak
Bhavana



R.C.C. Drain



C.C. Road

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427518

Serial No.
Name of Work From To
Name of Contractor of nature of Agency
Date of commencement of work

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
ಬಿಲ್ಲು ಮೊಬಲಗು ಕೆ.ಎಂ. 26 99 547-00						
ಗಣಿಗು ಮೊಬಲಗು ಕೆ.ಎಂ. 246013-00						
ಮೂರು ಮೊಬಲಗು ಕೆ.ಎಂ. 2453534-00						
೨: Twenty four inch dia by						
Three hundred five hundred thirty four						
೦೫/೧೫						
ಚುಕ್ಕಿ ಮೊಬಲಗು ಕೆ.ಎಂ. 246013-00						
ಚುಕ್ಕಿ ಮೊಬಲಗು ಕೆ.ಎಂ. 2453534-00						

Total Rs 26,99,547-00

IT- 53,991-00

Ces- 26,995-00

CBF- 2,700-00

LR 27,350-00

FSD- 134,977-00

Adjn 24,6013-00

Chagne 24,53,534-00